

Name _____

Class _____

Teacher _____

Date _____

Post Assessment

6.NS.5

Which integer represents 35 degrees below zero?

- A 35
- B -35
- C 0
- D -3.5

Which of the following could be represented by -18?

- A a drop of 18 meters
- B 18 t-shirts
- C sea level in 18 places of the world
- D 18 degrees above zero

6.NS.6a

Use the number line below to find the opposite of point P.



- A -6
- B -3
- C 0
- D 6

What is the opposite of the opposite of 14?

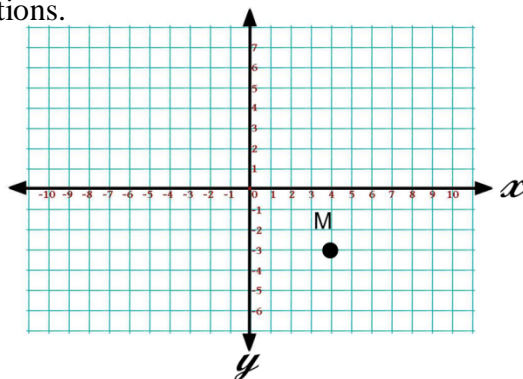
- A 14
- B -14
- C 0
- D -4.5

6.NS.6b

Use the coordinate plane to answer the following questions.

What are the coordinates for point M?

- A (4,-3)
- B (4,3)
- C (-4,-3)
- D (-3,4)



If point M was reflected across the x-axis, what would the coordinates be?

- A (4,-3)
- B (4,3)
- C (-4,-3)
- D (-3,4)

6.NS.7b

Which statement is correct?

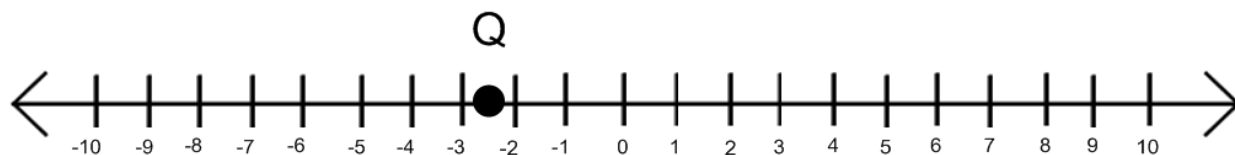
- A -34°F is colder than -34.5°F
- B -34°F is warmer than -33.5°F
- C -34.5°F is warmer than -34°F
- D -34.5°F is colder than -34°F

Which list shows the temperatures in order from coldest to warmest?

- A -46.5°F , -47.5°F , -47.8°F
- B -46.5°F , -46.4°F , -46.6°F
- C -46.5°F , -46.6°F , -46.7°F
- D -46.5°F , -46.4°F , -45.1°F

6.NS.6c

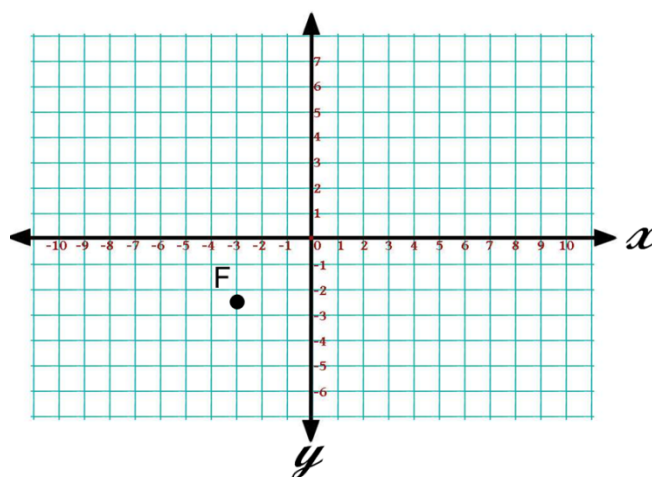
What rational number is plotted on the line below?



- A 2.5
- B 3.5
- C -2.5
- D -3.5

What are the coordinates of the point plotted on the grid to the right?

- A $(-2\frac{1}{2}, -3)$
- B $(3, 2\frac{1}{2})$
- C $(-3, -2\frac{1}{2})$
- D $(2\frac{1}{2}, 3)$

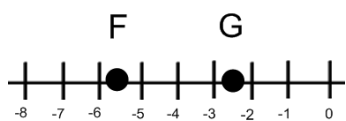


6.NS.7a

Look at the partial number lines shown below and choose the correct statement to describe the relationship of the points plotted.



- A Point D is to the left of point E because $-9 < -5$
- B Point D is to the left of point E because $-5 < -9$
- C Point E is to the right of point D because $-9 > -5$
- D Point E is to the right of point D because $-9 > 0$



- A Point F is to the left of point G because $-5.5 < -1.5$
- B Point F is to the left of point G because $-6.5 < -2.5$
- C Point G is to the right of point F because $-2.5 > -5.5$
- D Point G is to the right of point F because $-5.5 > 5.5$

6.NS.7c

Which number would be the furthest from 0 on a number line?

- A $|-29.3|$
- B $|8.3|$
- C $|18.4|$
- D $|-29|$

Your bank account has a value of $-\$29.50$. How much debt do you have?

- A $-\$29.50$
- B $\$29.50$
- C $\$0.00$

6.NS.7d

Muhammad, Chan, and Jose spent too much money on video games! Now they have negative balances in their bank accounts. Their balances are shown below.

Muhammad has a balance of $-\$13.26$.

Chan has a balance of $-\$13.62$.

Jose has a balance of $-\$13.02$.

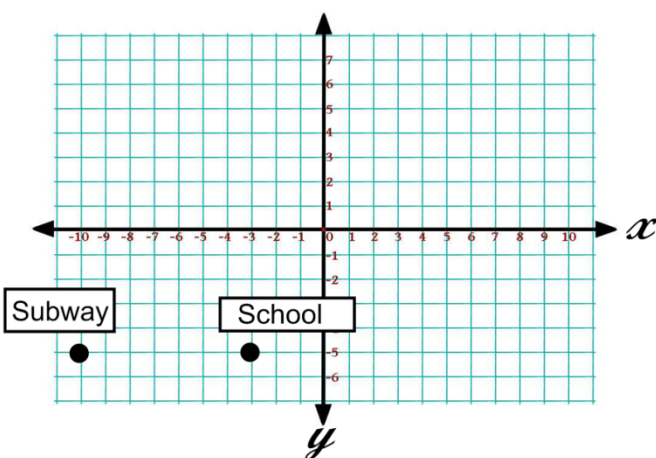
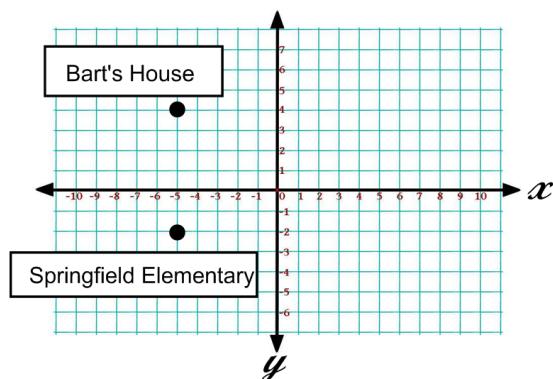
Which list shows their debt in order from greatest to least?

- A Muhammad, Chan, Jose
- B Muhammad, Jose, Chan
- C Chan, Jose, Muhammad
- D Chan, Muhammad, Jose

6.NS.8

How many units is Bart's house away from Springfield Elementary School?

- A 6 units on the x-axis
- B -6 units on the y-axis
- C -6 units on the x-axis
- D 6 units on the y-axis



How many units away is the school from the subway station?

- A 7 units on the x-axis
- B 7 units on the y-axis
- C -7 units on the x-axis
- D -7 units on the y-axis

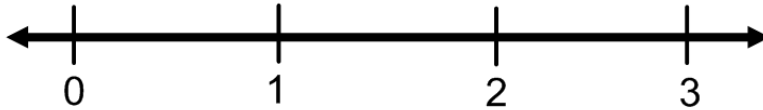
Summative Assessment

1) **6.NS.7b and 6.NS.6C**

Jordan went swimming each day of his vacation. On Monday, he swam for $\frac{3}{4}$ of an hour, on Tuesday, he swam for $2\frac{1}{4}$ hours, on Wednesday, he swam for $\frac{1}{2}$ hour, on Thursday, he swam for $1\frac{3}{4}$ of an hour, on Friday, he swam for $\frac{1}{4}$ of an hour.

Part A:

Plot Jordan's time swimming on the number line below.

**Part B:**

List Jordan's time swimming in order of shortest to longest.

2) **6.NS.7C****Part A:**

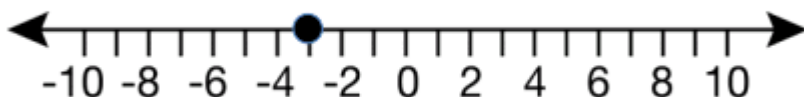
What is $|-16|$?

Part B:

Explain, in words, what this means.

3) **6.NS.6a*****Part A:***

Use the number line to plot the opposite of the plotted point.

***Part B:***

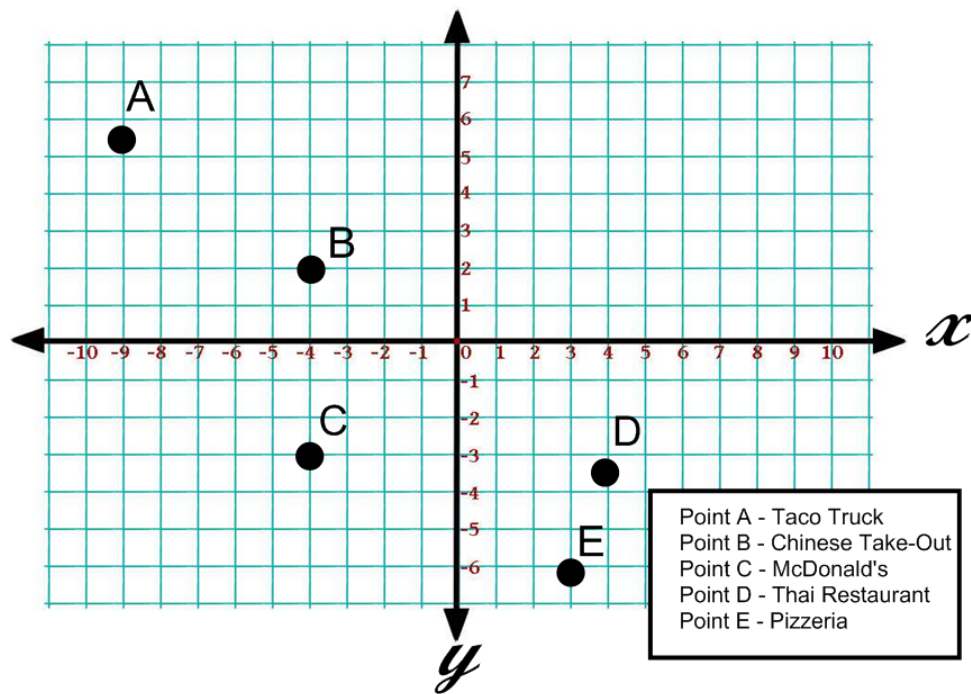
Explain why your answer is correct.

4) **6.NS.5****Word Bank**

credit	decrease	increase	deposit
withdrawal	descend	debit	ascend

Using the word bank, put each word in the appropriate column below.

Negative	Positive

7) **6.NS.6b and 6.NS.8****Part A:**

What is the distance, in units, between the Chinese Take-Out restaurant and McDonald's?

Answer: _____ units

Part B:

Reflect point D across the x-axis. Label this as point F and let it represent The Bakery.

Part C:

What are the coordinates of The Bakery?

Answer: _____

6.NS.7a and 6.NS.7d***Part A:***

Write the location of each point.

Point A _____

Point B _____

Point C _____

Point D _____

Part B:

Complete the inequality.

Point A _____ Point B

Part C:

Explain your answer. Describe the location of Point A in relation to Point B.

*Make sure your sentence includes the words “left” or “right.”
